

ABSTRACT

5 A vial having a V-shaped bottom to minimize the amount of medical fluid left in the vial at the end of the fluid withdrawal process. The vial is equipped with a vial access adapter having a fluid withdrawal spike which extends into the V-shaped bottom. The vial access adapter may be vented or non-vented. When the medical fluid is a nuclear drug, the vial and vial access adapter is enshrouded in a protective container containing lead to provide a safety to medical personnel from irradiation.